

United States
Department of
Agriculture

Forest
Service

Wayne National Forest
Athens Ranger District

219 Columbus Road
Athens, OH 45701
614-592-6644

CARING FOR THE LAND AND SERVING PEOPLE

Reply to: 2600

Date: January 15, 1993

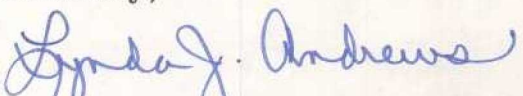
Mr. Bob Acciavatti
U.S. Department of Agriculture
U.S. Forest Service,
Northeastern Area,
Morgantown, West Virginia

Dear Bob,

It was a pleasure talking to you the other day regarding the status of the Gypsy Moth documents I had requested. I am still interested in receiving the results of the studies when they are concluded and published.

In our conversation you requested a copy of the ~~Wayne~~ National Forest's list of rare and endangered species. We have a list composed of three groups of species that we address in our project plans. Our list is composed of Federal Proposed, Endangered, and Threatened species, Regional Sensitive Species and Forest Species of Concern. You will find our lists enclosed with this letter. If you have any questions concerning our sensitive wildlife species please feel free to call. For your information we have a Forest Botanist-Ellen Jacquart (812) 275-5987 and a Fishery Biologist-Rebecca Ewing (614) 532-3223 who can address questions regarding plant or aquatic species.

Thanks again for the info on Gypsy Moth research.

Sincerely,


Lynda
Wildlife

Appendix H

Federal Proposed, Endangered, and Threatened species, Regional Sensitive Species, and Forest Species of Concern

The following list represents an update of the list published in the Wayne National Forest plan in 1988 beginning on page 4-48. The species listed by state and federal agencies for special protection change as species nomenclature changes, as new populations and new species are found, or as previously known populations are lost.

Federal Proposed, Endangered and Threatened Species

As a Federal agency, the Forest Service has defined responsibilities in supporting recovery objectives for Federally listed endangered, threatened, and proposed species. Populations of these species will receive individualized attention. Management activities that might affect federally listed species would occur only in consultation with the U.S. Fish and Wildlife Service.

The U.S. Fish and Wildlife Service has identified four federally listed species as having part of their range on the Wayne National Forest (U.S. Fish and Wildlife Service 1992):

Indiana bat (<i>Myotis sodalis</i>)	peregrine falcon (<i>Falco peregrinus</i>)
bald eagle (<i>Haliaeetus leucocephalus</i>)	Kirtland's Warbler (<i>Dendroica kirtlandii</i>)

All of these species are endangered. All are limited in distribution in Ohio.

Studies conducted in cooperation with Ohio Department of Natural Resources, Division of Wildlife, and Ohio State University in 1978-81 indicated the Indiana bat probably does not occur in the Forest area (Case 1991, pers. comm.). Studies included winter roost surveys of 3 sandstone caves and 65 coal mines plus summer mist netting of riparian areas. More recent consultation with U.S. Fish and Wildlife Service, indicate that summer habitat may occur on the Forest. Further consultation with, U.S. Fish and Wildlife Service biologists and others is ongoing.

Bald eagles may winter in the Forest area, particularly in the vicinity of the Ohio River. Away from Lake Erie and northeastern Ohio, bald eagles have always been very rare and sporadic breeders in Ohio.

Peregrine falcons may occur as migrants; there are no known suitable habitats for nesting on the Forest.

Kirtland's warblers may occur on the Wayne as migrants. Breeding habitat for this species is limited to central Michigan, however (Probst 1992, pers. comm.).

Case, D. 1991. Personal communication and Letter in reference to state-listed species and the Wayne oil and gas DEIS. Ohio Dept. Nat. Res., Div. of Wildlife, Columbus, OH. Sept. 16, 1991.

Probst, J.R. 1992. Personal communication in reference to Kirtland's warbler distribution. U.S. Forest Service, North Central Forest Exp. Sta., Rhinelander, WI.

U.S. Fish and Wildlife Service. 1992. Letter from Kent Kroonemeyer, U.S. Fish and Wildlife Service Field Supervisor, in reference to endangered species and the Wayne oil and gas DEIS. U.S. Fish and Wildlife Service, Columbus, OH. Jan. 14, 1992.

Regional Sensitive Species

The Regional Forester has designated 147 species as sensitive in the Eastern Region; 21 of these have the potential to occur on or near the Forest. These are plant and animal species for which population viability is recognized as a concern, as evidenced by a downward trend in population or habitat capability. In this case, 'concern' and 'downward trend' are inferred when the species: (1) is considered globally imperilled by The Nature Conservancy (TNC), or (2) appears on a Federal Register list of 'candidate' species.

The regional sensitive species which have the potential to occur on or near the Forest are;

Scientific Name	Common Name
✓ <i>Neotoma floridana magister</i>	eastern woodrat ¹
✓ <i>Myotis keenii</i>	Keen's myotis ²
✓ <i>Thryomanes bewickii altus</i>	Bewick's wren
✓ <i>Lanius ludovicianus migrans</i>	migrant loggerhead shrike ¹
✓ <i>Cryptobranchus alleganiensis</i>	hellbender ¹
✓ <i>Aneides aeneus</i>	green salamander
✓ <i>Ichthyomyzon bdellium</i>	Ohio lamprey
✓ <i>Cycleptus elongatus</i>	blue sucker ¹
✓ <i>Ammocrypta pellucida</i>	eastern sand darter ¹
✓ <i>Etheostoma tippecanoe</i>	tippecanoe darter
✓ <i>Simpsonia ambigua</i>	salamander mussel ¹
<i>Asplenium bradleyi</i>	Bradley's spleenwort
<i>Buchnera americana</i>	bluehearts
<i>Calamagrostis porteri insperata</i>	Offer hollow reed grass ¹
<i>Cirsium hillii</i>	Hill's thistle ¹
✓ <i>Cypripedium candidum</i>	small white lady's-slipper
<i>Delphinium exaltatum</i>	tall larkspur ¹
<i>Euphorbia purpurea</i>	Darlington's spurge ¹
<i>Hottonia inflata</i>	featherfoil
✓ <i>Paxistima canbyi</i>	Canby's mountain lover ¹
<i>Plantago cordata</i>	heart-leaved plantain
<i>Scutellaria saxatilis</i>	rock skullcap ¹

¹ Candidate for Federal listing.

² Case, D. 1992. Personal communication. Ohio Dept. Nat. Res., Div. of Wildlife, Columbus, OH. June 19, 1991.

Forest Species Of Concern

State-listed endangered, threatened, special interest or potentially threatened animal and plant species are recognized as Forest Species of Concern on the Wayne (See Wayne FEES, Appendix E). These species will receive special attention on the Wayne National Forest. Forest Service specialists will consult with Ohio Department of Natural Resources biologists and botanists to determine necessary conservation measures during site-specific project analyses.

This listing will continue to be updated as new information on the status of rare animals and plants in Ohio becomes available.

Forest Species of Concern are:

Scientific Name	Common Name	Scientific Name	Common Name
MAMMALS		BUTTERFLIES	
✓ <i>Sorex hoyi</i>	pygmy shrew	<i>Speyeria idalia</i>	regal fritillary
✓ <i>Felis rufus</i>	bobcat	<i>Pyrgus centaureae wyandot</i>	grizzled skipper
✓ <i>Ursus americanus</i>	black bear	<i>Euchloe olympia</i>	Olympia marblewing
BIRDS		MOTHS	
✓ <i>Accipiter striatus</i>	sharp-shinned hawk	<i>Fagiana littera</i>	no common name
✓ <i>Buteo lineatus</i>	red-shouldered hawk	PLANTS	
✓ <i>Coragyps atratus</i>	black vulture	<i>Adlumia fungosa</i>	mountain-fringe
✓ <i>Progne subis</i>	purple martin	<i>Agave virginica</i>	American aloe
✓ <i>Ammodramus henslowii</i>	Henslow's sparrow	<i>Amelanchier sanguinea</i>	rock serviceberry
REPTILES		<i>Arabis lyrata</i> ¹	lyre-leaf rock-cress
✓ <i>Crotalus horridus</i>	timber rattlesnake	<i>Asclepias amplexicaulis</i>	bluntleaf milkweed
✓ <i>Lampropeltis getulus niger</i>	black kingsnake	<i>Asclepias variegata</i>	white milkweed
✓ <i>Opheodrys aestivus</i>	rough green snake	<i>Asclepias viridiflora</i> ¹	green milkweed
AMPHIBIANS		<i>Asclepias viridis</i> ⁵	spider milkweed
✓ <i>Hemidactylium scutatum</i>	four-toed salamander	<i>Aster oblongifolius</i>	shale-barren aster
✓ <i>Pseudotriton montanus</i>	mud salamander	<i>Baptisia australis</i>	blue false indigo
FISH		<i>Bignonia capreolata</i>	cross-vine
✓ <i>Ammocrypta pellucida</i>	eastern sand darter	<i>Botrychium biternatum</i>	sparse-lobed grape-fern
<i>Clinostomus funduloides</i>	rosyside dace	<i>Cardamine dissecta</i>	narrow-leaved toothwort
<i>Esox masquinongy ohioensis</i>	Ohio muskellunge	(= <i>Dentaria multifida</i>)	
<i>Ichthyomyzon bdellium</i>	Ohio lamprey	<i>Carex annectens</i> var.	yellow-fruited sedge
<i>Ichthyomyzon unicuspis</i>	silver lamprey	<i>xanthocarpa</i> ¹	
<i>Moxostoma carinatum</i>	river herring	<i>Carex gravida</i>	heavy sedge
✓ <i>Percina phoxocephala</i>	slenderhead darter	<i>Carex retrollexa</i>	reflexed sedge
		<i>Carex straminea</i>	straw sedge
		<i>Carex striatula</i>	lined sedge
		✓ <i>Castanea dentata</i> ²	American chestnut
		<i>Celtis tenuifolia</i> ¹	dwarf hackberry
		<i>Ceratophyllum echinatum</i> ¹	prickly hornwort
		<i>Chimaphila umbellata</i>	pipisewew
		✓ <i>Chionanthus virginicus</i>	fringe-tree

Scientific Name

Common Name

PLANTS (cont)

<i>Chrysogonum virginianum</i>	golden-knees
<i>Clintonia umbellulata</i> ¹	speckled wood-lily
<i>Clitoria mariana</i>	butterfly-pea
<i>Corallorhiza maculata</i> ¹	spotted coral-root
<i>Corallorhiza wisteriana</i>	spring coral-root
<i>Croton glandulosus</i>	northern croton
<i>Cuscuta compacta</i>	sessile dodder
<i>Cuscuta coryli</i>	hazel dodder
<i>Cuscuta pentagona</i>	five-angled dodder
<i>Cyperus dipsaciformis</i>	teasel-sedge
<i>Cyperus lancastriensis</i>	many-flowered umbrella sedge
<i>Cyperus refractus</i>	reflexed umbrella sedge
<i>Cypripedium calceolus</i> var. <i>pubescens</i>	large yellow lady's-slipper
<i>Cystopteris tennesseensis</i> ¹	Tennessee bladder-fern
<i>Descurainia pinnata</i> ¹	tansy-mustard
<i>Desmodium pauciflorum</i>	few-flowered tick-trefoil
<i>Digitaria filiformis</i>	slender finger-grass
<i>Eleocharis quadrangulata</i>	four-angled spikerush
<i>Eryngium yuccifolium</i>	rattlesnake-master
<i>Eupatorium album</i>	white thoroughwort
<i>Eupatorium aromaticum</i>	small white snakeroot
<i>Eupatorium incarnatum</i>	pink thoroughwort
<i>Galactia volubilis</i>	milk pea
<i>Gentiana alba</i>	yellowish gentian
<i>Gentiana villosa</i>	Sampson's snakeroot
<i>Gratiola virginiana</i>	round-fruited hedge-hyssop
<i>Gratiola viscidula</i>	Short's hedge-hyssop
<i>Hedyotis nigricans</i>	narrow-leaved summer bluets
(= <i>Houstonia nigricans</i>) ¹	
<i>Helianthus mollis</i>	ashy sunflower
<i>Heuchera parviflora</i> ³	small-flowered alumroot
<i>Heuchera villosa</i>	hairy alumroot
<i>Hypericum canadense</i>	Canadian St. John's-wort
<i>Iris verna</i>	dwarf iris
<i>Juglans cinerea</i>	butternut
<i>Juncus interior</i>	inland rush
<i>Juncus platyphyllus</i>	flat-leaved rush
<i>Juncus secundus</i>	one-sided rush
<i>Lechea minor</i>	thyme-leaf pinweed
<i>Liatis cylindracea</i>	slender blazing-star
<i>Ligusticum canadense</i>	American lovage
<i>Linaria canadensis</i>	old-field toadflax
<i>Lorinseria areolata</i>	netted chain-fern
<i>Luzula bulbosa</i>	southern woodrush
<i>Lyonia ligustrina</i>	maleberry
<i>Magnolia tripetala</i>	umbrella magnolia
<i>Malaxis unifolia</i>	green adder's mouth
<i>Matalea obliqua</i>	angle-pod
<i>Opuntia humifusa</i>	prickly pear

Scientific Name

Common Name

PLANTS (cont)

<i>Orbaxilum pedunculatum</i>	
(= <i>Psoralea</i>	false scurf-pea
<i>psoraliodes</i> var. <i>eglandulosa</i>)	
<i>Panicum bicknellii</i>	Bicknell's panic-grass
<i>Panicum columbianum</i> ¹	American panic-grass
<i>Panicum laxiflorum</i> ¹	pale green panic-grass
<i>Panicum philadelphicum</i>	Philadelphia panic-grass
<i>Penstemon canescens</i>	gray beard-tongue
<i>Penstemon laevigatus</i>	smooth beard-tongue
<i>Penstemon pallidus</i>	downy white beard-tongue
<i>Phaseolus polystachios</i>	wild kidney bean
<i>Phegopteris connectilis</i> ¹	long beech-fern
<i>Phoradendron serotinum</i>	American mistletoe
<i>Piptochaeta avenaceum</i>	blackseed needle-grass
(= <i>Stipa avenacea</i>)	
<i>Platanthera ciliaris</i>	yellow-fringed orchid
<i>Platanthera clavellata</i> ¹	green woodland orchid
<i>Platanthera flava</i> ¹	tuberclad rein-orchid
<i>Polygala incarnata</i>	pink milkwort
<i>Potamogeton pulcher</i>	spotted pondweed
<i>Potamogeton tennesseensis</i> ¹	Tennessee pondweed
<i>Prunus nigra</i>	Canada plum
<i>Pycnanthemum verticillatum</i>	hoary mountain mint
var. <i>pilosum</i>	
<i>Quercus falcata</i>	Spanish oak
<i>Quercus marilandica</i> ¹	blackjack oak
<i>Rhexia virginica</i> ¹	Virginia meadow-beauty
<i>Rhododendron calendulaceum</i>	flame azalea
<i>Rhododendron nudiflorum</i>	pinxter flower
var. <i>nudiflorum</i>	
<i>Rhododendron nudiflorum</i>	northern rose azalea
var. <i>roseum</i>	
<i>Ruellia caroliniensis</i> ¹	Carolina ruellia
<i>Sagittaria australis</i> ¹	long-beaked arrowhead
<i>Scirpus purshianus</i>	Pursh's bulrush
<i>Scleria pauciflora</i>	few-flowered nut-rush
<i>Scleria triglomerata</i> ¹	tall nut-rush
<i>Scutellaria integrifolia</i>	hyssop skullcap
<i>Scutellaria serrata</i> ¹	showy skullcap
<i>Silphium laciniatum</i>	compass plant
<i>Solidago squarrosa</i>	leafy goldenrod
<i>Stenanthium gramineum</i>	feather-bells
<i>Triadenum tubulosum</i>	large marsh St.
(= <i>Hypericum tubulosum</i>)	John's-wort
<i>Trichostema dichotomum</i> var. <i>lineare</i>	narrow-leaved bluecurls
<i>Trifolium reflexum</i> ⁴	buffalo clover
<i>Triplasis purpurea</i> ¹	purple sand-grass
<i>Verbesina helianthoides</i> ¹	hairy wing-stem
<i>Verbesina occidentalis</i>	yellow crownbeard

Scientific Name

Common Name

PLANTS (cont)

<i>Viola lanceolata</i>	lance-leaved violet
<i>Viola primulifolia</i>	primrose-leaved violet
<i>Viola tripartita</i> var. <i>glaberrima</i>	wedge-leaf violet
<i>Viola tripartita</i> var. <i>tripartita</i>	three-parted violet
<i>Vitis cinerea</i>	pigeon grape
<i>Vitis labrusca</i> ¹	northern fox grape
<i>Wolffia papulifera</i>	pointed water-meal
<i>Wolffiella floridana</i>	wolffiella

¹ Based on Ohio Status Designation Criteria (Ohio Div. of Natural Areas and Preserves 1990) this species qualifies as potentially threatened. We are in agreement with these criteria, and since this species occurs or has the potential to occur within the Wayne National Forest purchase boundary it has been added to the Forest Species of Concern list.

² Includes only fruiting trees.

³ Was listed in the Wayne National Forest plan as a Candidate Sensitive Species but did not make the final Regional Sensitive Species list; regardless, based on Ohio Status Designation Criteria (Ohio Div. of Natural Areas and Preserves 1990) this species qualifies for state-listing. We are in agreement with these criteria, and since this species occurs or has the potential to occur within the Wayne National Forest purchase boundary it has been added to the Forest Species of Concern list.

⁴ Added to list because it was recently found for the first time in Ohio and has the potential to occur on Wayne National Forest.

⁵ *Asclepias viridis* was added to the list because this state listed species, previously unknown in the Forest, was recently found by Frank Voytas in May, 1992.

Plant species being removed from the Forest Species of Concern list

The following species have been delisted by the State Heritage Program, and are being removed from the Forest Species of Concern list; the reasons for removal are shown in the footnotes.

<i>Aster infirmus</i> ¹	weak aster	<i>Lycopodium porophyllum</i> ¹	rock clubmoss
<i>Aster linariifolius</i> ¹	stiff-leaf aster	<i>Myosotis macrosperma</i> ¹	bristly scorpion-grass
<i>Callitriche terrestris</i> ¹	Austin's water-starwort	<i>Phlox stolonifera</i> ¹	creeping phlox
<i>Carex glaucoidea</i> ¹	blue-green sedge	<i>Ribes rotundifolium</i> ²	Appalachian gooseberry
<i>Carex nigromarginata</i> ¹	black-margined sedge	<i>Synandra hispidula</i> ¹	synandra
<i>Carex rugosperma</i> ¹	low sand sedge	<i>Vittaria lineata</i> ¹	Appalachian gametophyte
<i>Cacalia muhlenbergii</i> ¹	great Indian-plantain		
<i>Euonymus americana</i> ¹	American strawberry-bush		

¹ A sufficient number of new populations have been found so that this species no longer requires special protection.

² Further analysis indicates that this species has never occurred in Ohio; previous records were incorrectly identified.